



## DELL Pro QCM1250 Intel® Core™ i7 i7-14700T 16 GB DDR5-SDRAM 512 GB SSD Windows 11 Pro Micro PC Mini PC Black

Brand : DELL

Product family: Pro

Product code: MJ5TK

Product name : QCM1250

DELL Pro QCM1250. Processor family: Intel® Core™ i7, Processor model: i7-14700T. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Wi-Fi. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 90 W. Chassis type: Micro PC. Product type: Mini PC. Weight: 1.16 kg. Product colour: Black



| Processor                               |                                                | Network                                           |                      |
|-----------------------------------------|------------------------------------------------|---------------------------------------------------|----------------------|
| Processor manufacturer *                | Intel                                          | WLAN controller model                             | Intel Wi-Fi 6E AX211 |
| Processor family *                      | Intel® Core™ i7                                | Antenna type                                      | 2x2                  |
| Processor generation                    | Intel® Core™ i7 (14th gen)                     | Antenna design                                    | Internal             |
| Processor model *                       | i7-14700T                                      | Bluetooth                                         | ✓                    |
| Processor cores                         | 20                                             | Ports & interfaces                                |                      |
| Processor threads                       | 28                                             | USB 2.0 ports quantity *                          | 2                    |
| Processor boost frequency               | 5.2 GHz                                        | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3                    |
| Performance cores                       | 8                                              | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1                    |
| Efficient cores                         | 12                                             | DisplayPorts quantity                             | 1                    |
| Performance-core Max Turbo Frequency    | 5 GHz                                          | DisplayPort version                               | 1.4a                 |
| Efficient-core Max Turbo Frequency      | 3.7 GHz                                        | HDMI ports quantity *                             | 1                    |
| Performance-core base frequency         | 1.3 GHz                                        | HDMI version                                      | 2.1                  |
| Efficient-core base frequency           | 0.9 GHz                                        | Ethernet LAN (RJ-45) ports                        | 1                    |
| Processor cache                         | 33 MB                                          | Combo headphone/mic port                          | ✓                    |
| Processor cache type                    | Smart Cache                                    | DC-in jack                                        | ✓                    |
| Number of processors installed          | 1                                              | Number of rear USB ports                          | 4                    |
| Processor base power                    | 35 W                                           | Number of front USB ports                         | 2                    |
| Maximum turbo power                     | 106 W                                          | Number of front audio ports                       | 1                    |
| Neural processor unit (NPU)             |                                                | Power                                             |                      |
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Power supply *                                    | 90 W                 |
| Memory                                  |                                                | Power supply input voltage                        | 100 - 240 V          |
| Internal memory *                       | 16 GB                                          | Power supply input frequency                      | 50 / 60 Hz           |
| Maximum internal memory *               | 64 GB                                          | Design                                            |                      |
| Internal memory type                    | DDR5-SDRAM                                     | Chassis type *                                    | Micro PC             |
| Memory layout (slots x size)            | 1 x 16 GB                                      | Placement supported                               | Horizontal/Vertical  |
| Memory slots                            | 2x SO-DIMM                                     | Cable lock slot                                   | ✓                    |
| Non-ECC                                 | ✓                                              | Cable lock slot type                              | Kensington           |
| Memory channels                         | Single-channel                                 | Product colour *                                  | Black                |
| Memory data transfer rate               | 5600 MT/s                                      | Intel® vPro™ Platform Eligibility                 | ✓                    |
| Storage                                 |                                                | Software                                          |                      |
| Total storage capacity *                | 512 GB                                         | Operating system architecture                     | 64-bit               |
| Storage media *                         | SSD                                            | Operating system installed *                      | Windows 11 Pro       |
| Optical drive type *                    | ✗                                              |                                                   |                      |
| Number of storage drives installed      | 1                                              |                                                   |                      |

| Storage                               |                                                                                       | Software                                     |                                                |
|---------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------|
| Total SSDs capacity                   | 512 GB                                                                                | Trial software                               | Activate Your Microsoft 365 For A 30 Day Trial |
| Number of SSDs installed              | 1                                                                                     |                                              |                                                |
| SSD capacity                          | 512 GB                                                                                |                                              |                                                |
| SSD memory type                       | TLC                                                                                   |                                              |                                                |
| SSD interface                         | PCI Express 4.0                                                                       |                                              |                                                |
| NVMe                                  | ✓                                                                                     |                                              |                                                |
| SSD form factor                       | M.2                                                                                   |                                              |                                                |
| Graphics                              |                                                                                       | Display                                      |                                                |
| Discrete graphics card *              | ✗                                                                                     | Display included *                           | ✗                                              |
| On-board graphics card *              | ✓                                                                                     |                                              |                                                |
| Discrete graphics card model *        | Not available                                                                         |                                              |                                                |
| On-board GPU manufacturer             | Intel                                                                                 |                                              |                                                |
| On-board graphics card family         | Intel® UHD Graphics                                                                   |                                              |                                                |
| On-board graphics card model *        | Intel UHD Graphics 770                                                                |                                              |                                                |
| Performance                           |                                                                                       | Audio                                        |                                                |
| Market positioning                    | Business                                                                              | Audio chip                                   | Realtek ALC3204                                |
| Motherboard chipset                   | Intel® Q870                                                                           | Audio system                                 | High Definition Audio                          |
| Trusted Platform Module (TPM)         | ✓                                                                                     |                                              |                                                |
| Product type *                        | Mini PC                                                                               |                                              |                                                |
| Trusted Platform Module (TPM) version | 2.0                                                                                   |                                              |                                                |
| Network                               |                                                                                       | Operational conditions                       |                                                |
| Ethernet LAN *                        | ✓                                                                                     | Operating temperature (T-T)                  | 10 - 35 °C                                     |
| Ethernet LAN data rates               | 10,100,1000 Mbit/s                                                                    | Storage temperature (T-T)                    | -40 - 65 °C                                    |
| Cabling technology                    | 10/100/1000Base-T(X)                                                                  | Operating relative humidity (H-H)            | 20 - 80%                                       |
| LAN controller                        | Intel WGI219LM                                                                        | Storage relative humidity (H-H)              | 5 - 95%                                        |
| Wi-Fi *                               | ✓                                                                                     | Operating altitude                           | -15.2 - 3048 m                                 |
| Top Wi-Fi standard                    | Wi-Fi 6E (802.11ax)                                                                   | Non-operating altitude                       | -15.2 - 10668 m                                |
| Wi-Fi standards                       | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax) | Operating vibration                          | 0.26 G                                         |
| WLAN controller manufacturer          | Intel                                                                                 | Non-operating vibration                      | 1.37 G                                         |
|                                       |                                                                                       | Operating shock                              | 40 G                                           |
|                                       |                                                                                       | Non-operating shock                          | 105 G                                          |
|                                       |                                                                                       | Weight & dimensions                          |                                                |
|                                       |                                                                                       | Width *                                      | 36 mm                                          |
|                                       |                                                                                       | Depth *                                      | 178 mm                                         |
|                                       |                                                                                       | Height *                                     | 182 mm                                         |
|                                       |                                                                                       | Weight *                                     | 1.16 kg                                        |
|                                       |                                                                                       | Sustainability                               |                                                |
|                                       |                                                                                       | Sustainability certificates                  | ENERGY STAR, EPEAT Climate +, EPEAT Gold       |
|                                       |                                                                                       | Carbon footprint                             |                                                |
|                                       |                                                                                       | Total carbon footprint (kg of CO2e)          | 77.6                                           |
|                                       |                                                                                       | Carbon emissions, manufacturing (kg of CO2e) | 41.52                                          |
|                                       |                                                                                       | Carbon emissions, logistics (kg of CO2e)     | 2.17                                           |
|                                       |                                                                                       | Carbon emissions, energy usage (kg of CO2e)  | 33.45                                          |
|                                       |                                                                                       | Carbon emissions, end-of-life (kg of CO2e)   | 0.54                                           |
|                                       |                                                                                       | PAIA version                                 | GaBi version 1, 2024                           |



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### Catalog Object Cloud



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